CLAIMS

1   1. A method of measuring the size of a distributed system of interconnected
2   servers, said method comprising the steps of:

3

4   for each said server, forming a first weighted asymptotic function of the count of
5   CPUs installed in said each said server, and a CPU factor based on said server
6   architecture and operating system;

7

8   for each said server, forming a second weighted asymptotic function of the
9   amount of random access memory installed on said each said server, and a
10 normalizing factor representing a reference date, and a RAM factor based on said
11 server architecture and operating system;

12

13 forming a product of said first weighted asymptotic function for said each said
14 server; and

15

16 forming the sum of said product for all said interconnected servers.

1   2. The method of Claim 1, further comprising the step of allocating support
2   manpower based on said sum.

1   3. The method of Claim 1, wherein the first weighted asymptotic function is
2   represented as f_{cpu} and is of the form:

3

4   $F_{CPU} = A(x) + e_x.$

1   4. The method of Claim 1, wherein the second weighted asymptotic function is
2   represented as f_{RAM} and is of the form:

3

4    $F_{RAM} = A(x) + e_x$.

1   5. The method of Claim 1, wherein the reference date represents a base reference

2   year RAM.

1   6. A system for measuring the size of a distributed system of interconnected

2   servers, said system comprising:

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4   means for forming, for each said server, a first weighted asymptotic function of

5   the count of CPUs installed in said each said server, and a CPU factor based on

6   said server architecture and operating system;

7

8   means for forming, for each said server, a second weighted asymptotic function of

9   the amount of random access memory installed on said each said server, and a

10   normalizing factor representing a reference date, and a RAM factor based on said

11   server architecture and operating system;

12

13   means for forming a product of said first weighted asymptotic function for said

14   each said server; and

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16   means for forming the sum of said product for all said interconnected servers.

1   7. The system of Claim 6, further comprising wherein support manpower is

2   allocated based on said sum.

1   8. The system of Claim 6, wherein the first weighted asymptotic function is

2   represented as f_{CPU} and is of the form:

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4    $F_{CPU} = A(x) + e_x$.

1   9. The system of Claim 6, wherein the second weighted asymptotic function is

2   represented as f_{RAM} and is of the form:

3

4    $F_{RAM} = A(x) + e_x.$

1   10. The system of Claim 1, wherein the reference date represents a base reference

2   year RAM.

1   11. A program storage device readable by machine, tangibly embodying a

2   program of instructions executable by the machine to perform method steps for

3   measuring the size of a distributed system of interconnected servers, said method

4   steps comprising:

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6   for each said server, forming a first weighted asymptotic function of the count of

7   CPUs installed in said each said server, and a CPU factor based on said server

8   architecture and operating system;

9

10   for each said server, forming a second weighted asymptotic function of the

11   amount of random access memory installed on said each said server, and a

12   normalizing factor representing a reference date, and a RAM factor based on said

13   server architecture and operating system;

14

15   forming a product of said first weighted asymptotic function for said each said

16   server; and

17

18   forming the sum of said product for all said interconnected servers.

1   12. The program storage device of Claim 11, wherein said method steps further

2   comprise the step of allocating support manpower based on said sum.

1   13. The program storage device of Claim 11, wherein the first weighted

2   asymptotic function is represented as f_{cpu} and is of the form:

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4    $F_{CPU} = A(x) + e_x.$

1   14. The program storage device of Claim 11, wherein the second weighted

2   asymptotic function is represented as f_{RAM} and is of the form:

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4    $F_{RAM} = A(x) + e_x.$

1   15. The program storage device of Claim 11, wherein the reference date

2   represents a base reference year RAM.